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WATER-SOLUBLE PEPTIDES
AFFECTING GONADAL FUNCTION

ABSTRACT OF DISCLOSURE

[⁸im-Bzl D-His⁶]⁹LRF and [⁸D-His⁶(im-Bzl), Pro⁹-NET]⁹
LRF exhibit hydrophilicity comparable to that of LRF and
act as superagonists exhibiting potencies, respectively,
about 12 and more than 200 times that of LRF. The peptides
or their nontoxic salts can be administered by intravenous,
subcutaneous, sublingual, oral, intravaginal, intranasal or
rectal routes. The peptides can be used to regulate
fertility in male and female mammals, including human beings.

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